Crane

DESIGN FOR BETTER LIVING

Warm Mist Humidifiers

INSTRUCTION MANUAL

1 GALLON / 4 LITER
WARM MIST HUMIDIFIER

FOR THE FOLLOWING MODELS:

EE-5200W
EE-5200B

If you have any questions about the operation of your ultrasonic humidifier, please contact Crane Customer Care.

Toll Free: 888-599-0992
Email: customer-service@crane-usa.com

PLEASE READ AND SAVE ALL INSTRUCTIONS TO ENSURE THE SAFE AND EFFCTIVE USE OF THIS APPLIANCE.

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HUMIDIFIER MODELS

This instruction manual applies to the following models of the Warm Mist Humidifiers product line:

Color	**Model #**
White	EE-5200W
Black	EE-5200B

For information about all CRANE Humidifiers,
Please visit http://www.crane-usa.com.

IMPORTANT SAFETY INSTRUCTIONS

WARNING! READ AND SAVE THESE INSTRUCTIONS. Failure to follow all the instructions listed below may result in electric shock, fire and/or serious personal injury.

1. DO NOT carry Water Tank by handle when it is filled with water. It is advisable to carry filled Water Tank with two hands.
2. DO NOT operate outdoors. This humidifier is intended for indoor use only.
3. DO NOT TOUCH STEAM MIST. Steam can cause burns.
4. DO NOT remove the water tank during operation, or within 15 minutes after the humidifier is turned off and unplugged. Serious injury may result.
5. DO NOT operate without water. Always have water in the water tank when operating the unit.
6. Use only clean, cool tap water to fill the tank. DO NOT use hot water.
7. DO NOT pour water into any openings other than the water tank.
8. Do not cover any openings on the unit, or insert objects into any openings.
9. Be sure that the water tank cap is firmly tightened. DO NOT aim mist directly at children, walls, furniture or electrical appliances.
10. Use only a 110-120VAC outlet. **ALWAYS plug and unplug unit with dry hands to avoid electric shock.**
11. Never operate the unit with a damaged cord or plug.
12. Always place the unit on a smooth, flat, lint-free, non-metallic, waterproof and level surface and position unit away from direct sunlight. Keep the cord away from heated surfaces and areas where it could be walked on or tripped over. Unplug the unit when not in use and whenever you clean or move the unit.
13. Do NOT add medication of any type into the Water Basin or Water Tank. Do not cover any openings on the unit or insert objects into any openings. ONLY add liquid vapor medicine to the medicine cup include with this humidifier.
14. The unit should not be left unattended in a closed room, as the air could become saturated and leave condensation on walls or furniture. Leave room door partly open.
15. The humidifier requires daily and weekly cleaning to operate appropriately. Refer to cleaning instructions.
16. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner or other household solvents to clean any part of the humidifier.
17. Do not tilt, tip or attempt to empty or fill the unit while it is in operation.

SAVE THESE INSTRUCTIONS!

GENERAL SAFETY INSTRUCTIONS

WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire or serious personal injury. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the user that common sense and caution are a factor which cannot be built into this product, but must be supplied by the user.

THIS HUMIDIFIER IS NOT A TOY!

Do not let your child play with this humidifier. Serious injury and electrocution might be possible. This humidifier has to be operated by an adult only. Children should be supervised to ensure that they do not play with the humidifier.

SAVE ALL INSTRUCTIONS!

CAUTION: A short Power Supply Cord is provided to reduce the risk of personal injury resulting from becoming entangled in or tripping over a longer cord. Extension cords are available from local hardware stores and may be used if care is exercised in their use. If an extension cord is required, special care and caution is necessary. Also the extension cord must be (1) marked with an electrical rating of 125 V and at least 13 A., 1625 W., and (2) the cord must be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidently tripped over.

ELECTRIC POWER

If the electric circuit is overloaded by other appliances, your humidifier and/or appliances may not operate properly. The humidifier should be operated on a separate electrical circuit from other operating appliances.

POLARIZED PLUG

This humidifier has a polarized plug (one blade is wider than the other). As a safety feature to reduce the risk of electrical shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

SAFETY WARNING

Although your humidifier is easy to operate, for your safety, the below warnings must be followed:

1. Do not place the humidifier near a heat source.
2. Never leave the humidifier unattended while connected to the electrical outlet.
3. To avoid any accidents, never cover the Mist Lid when the humidifier is in operation.
4. Use the humidifier on a smooth, flat, lint-free, non-metallic, waterproof, and level surface away from water.
5. Do not unplug from the wall socket by pulling on the supply cord.
6. The humidifier must be unplugged:
    A. Before either filling or emptying the Water Basin and/or Water Tank.
    B. Before any cleaning or maintenance is performed.
    C. After each use.
    D. If it appears to be faulty.

THIS PRODUCT IS INTENDED FOR HOUSEHOLD USE ONLY.

LIST OF MAIN PARTS

1. Medicine Cup
2. Mist Channel
3. Water Basin
4. Heating Element
5. Control Knob
6. Reset Button
7. Mist Chamber Latch
8. Tip Over Switch
9. Mist Chamber
10. Water Tank Cap
11. Water Tank
12. Water Tank Handle

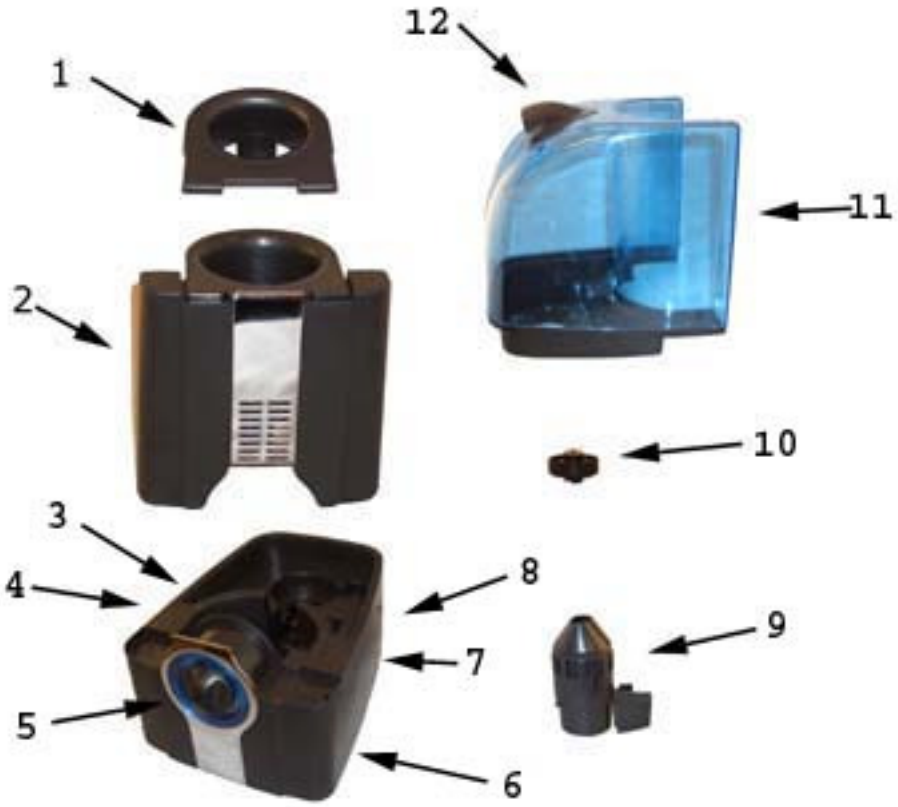


Fig. 1

TECHNICAL SPECIFICATIONS:

Rating Voltage	120V
Frequency	60Hz
Power	400W
Water Tank Capacity	Approx. 1.1 Gallon / 4.2 Liter
Output Per 24 Hours	Approx. 3.6 Gallon / 13.7 Liter
Run Time Per Tank	Min. 7 Hours
Humidifying Capacity	Up to 250 sq.ft. / 23 m²

OPERATION AND USE

BEFORE EACH USE

CHECK HUMIDIFIER PLACEMENT

Place the Humidifier on an elevated, non-metallic, lint-free, waterproof, level surface at least 2 feet above the floor.

- **DO NOT** place the humidifier on carpet or a towel. The fan vent is located on the bottom of the humidifier base. The fan vent MUST NOT be obstructed.
- **DO NOT** place the humidifier on a wood surface or near furniture that can be damaged by too much moisture.

CHECK WATER LEVEL SENSOR

Make sure that the Water Level Sensor is secured properly and not obstructed.

CAUTION

DO NOT operate the humidifier without water in the Water Tank.

DO NOT plug or unplug the Power Cord with wet hands as electric shock could occur.

ASSEMBLY

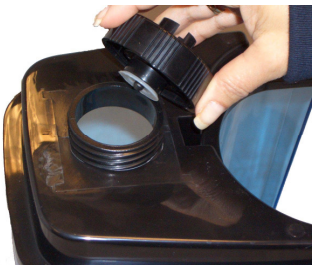
CAUTION: DO NOT TOUCH STEAM MIST WHEN HUMIDIFIER IS ON. STEAM MAY CAUSE BURNS. ALWAYS USE CAUTION!

1. Turn Water Tank upside down and unscrew Water Tank Cap.
2. Fill Water Tank with cool water. **DO NOT** fill water all the way to the rim.

DO NOT CARRY FULL WATER TANK BY HANDLE. ALWAYS HOLD WATER TANK WITH TWO HANDS.

DO NOT use hot water. Use cool tap water.
DO NOT add any medication, essential oils, or salt to water. **USE ONLY** included medicine cup for liquid vapors.
DO NOT pour water into Mist Channel.
DO NOT overfill medicine cup and allow medication to spill into mist chamber.

3. Screw Water Tank Cap back onto Water Tank. Turn the Water Tank over and place on Water Basin, making sure it fits perfectly.



4. Plug the power cord into a wall socket and turn on the unit by using the Control Knob. The power light will turn BLUE.

5. Use the Control Knob to adjust the intensity of the mist output.

6. When the humidifier runs out of water, the BLUE power light will turn off, and the mist ouput will stop. This safety feature uses a water level sensor to stop the heating element once the water level sinks below the required level in the water basin. A small ORANGE light will turn on *(light will appear near the "2" on Control Knob)* to indicate that the humidifier has automatically turned off. Turn the humidifier off and unplug before removing and refilling the Water Tank.

IMPORTANT: OVERHEAT RED LIGHT

When the humidifier runs out of water, the BLUE light will turn off and mist will stop. If the unit has overheated, a small RED light will turn on *(light will appear near the "2" on Control Knob)*. The RED light indicates that the unit has overheated. Turn humidifier off, unplug the unit, allow basin and water to cool then empty water in basin. Turn humidifier basin over and press the Reset Button, with a pen or pencil tip, on the bottom of the Water Basin. This will reset the humidifier.

USING THE MIST CHAMBER AND MEDICINE CUP

MIST CHAMBER

1. To remove Mist Chamber, slide Mist Chamber Latch to left. Carefully lift Mist Chamber off of Water Basin.
2. To attach the Mist Chamber, slide Mist Chamber Latch to left and place the Mist Chamber onto Water Basin. Release the latch to secure the Mist Chamber to Water Basin.

MEDICINE CUP

The Medicine Cup allows the addition of medications recommended for use with warm mist humidifiers only.

1. Remove the Medicine Cup from the top of the Mist Channel for easier filling.
2. BE CAREFUL not to overfill the Medicine Cup. Overfilling may cause medicine to spill into Mist Channel. Medicine in the Mist Channel may affect the operation of the humidifier.
3. Place Medicine Cup on top of the Mist Channel.
4. **DO NOT** add any medication or other additives directly to the water.

A NOTE ABOUT HUMIDITY

- It is best to keep the humidity level at about 40%-50% of relative humidity.
- In cold weather, windows and even some walls may fog or develop frost from excessive indoor humidity. If this occurs, reduce the mist output setting to avoid damage from condensed water dripping onto windowsills.
- Too much humidity in the room may allow moisture to accumulate on surfaces where bacteria and fungi can grow. Moisture that gathers may also damage furniture and walls, especially wallpaper.
- To reduce excessive humidity, especially in small rooms, leave the room door open and adjust the mist intensity control setting.

MAINTENANCE

IMPORTANT: Failure to keep this humidifier clean from mineral deposits normally contained in any water supply will affect the efficiency of the operation. Customer failure to follow these instructions may void warranty

DO NOT leave water in Water Tank or Water Basin when unit is not in use as it may result in the buildup of mineral deposits and bacteria that can inhibit the output efficiency of the humidifier. If water remains in the Water Tank for more than a day or two, bacterial growth is possible.

DAILY MAINTENANCE

1. Always turn off and unplug from outlet before cleaning.
2. Empty water from the water tank and water basin daily.
3. Wipe and dry water basin with a clean, dry cloth or paper towel.
4. Replace the water tank.

WEEKLY MAINTENANCE

1. Always turn off and unplug from outlet before cleaning.
2. Empty water from the water tank and water basin.
3. Fill the water tank with about a half-gallon of warm water. Add 2 Tablespoons of white vinegar. Shake vigorously and let sit for 20-30 minutes. Shake vigorously again and empty the water. Rinse water tank.
4. Make similar white vinegar/water solution. Pour into water basin. Let sit for 20-30 minutes, and then empty. Rinse water tank. Wipe dry with a clean, soft cloth.
5. Wipe the exterior surface water tank and water basin with a soft, dry cloth. NEVER IMMERSE WATER BASIN IN WATER.

END-OF-SEASON MAINTENANCE & STORING YOUR HUMIDIFIER

1. Always turn off and unplug from outlet before cleaning.
2. Empty water from the water tank and water basin.
3. Disinfect water tank and water basin with the white vinegar and water solution.
4. Make sure that water tank has air dried without the water cap secured.
5. Make sure the water basin and water tank are completely dry before end of season storage. Store the humidifier in a cool dry place.
6. **DO NOT** place any heavy items on top of humidifier during storage as this may result in possible damage of the humidifier.
7. Store the cord in a clean, dry location away from metal objects. Always check the plug before use to ensure metal items have not become attached.

TROUBLE SHOOTING

DO NOT attempt to repair the motor or nebulizer yourself. If the humidifier continues to not operate please contact Crane Customer Care: 888-599-0992 or customer-service@crane-usa.com.

Problem	Solution
If humidifier does not have any power:	▪ Ensure unit is properly plugged into a power outlet. ▪ Check that the Control Knob is turned to the ON position. ▪ If Power On indicator light does not come on, contact Crane Customer Care.
Condensation forms around humidifier and windows:	▪ Adjust Control Knob to decrease mist output to low. ▪ Leave room door cracked open during humidifier operation.
If humidifier has stopped, BLUE light is off and small RED light is on:	▪ Adjust Control Knob to turn humidifier off and unplug. Empty water basin, turn over and press Reset Button on bottom of humidifier.
If there is a strange odor:	▪ Clean the Water Tank with the water and vinegar solution and rinse with clean water. ▪ Leave the empty Water Tank open for some time (without the Water Tank Cap attached) in a cool place.
The power indicator light is blue, but there is no mist being emitted:	▪ Check that there is water in the Water Tank. ▪ Make sure that nothing is blocking the mist output. ▪ Check that the Fan Vent on the bottom of the humidifier is not blocked. ▪ Empty and rinse the Water Basin with cool tap water. ▪ Check for possible mineral deposits on the Water Level Sensor and Heating Element.

CUSTOMER CARE

If you have any questions with regard to the operation of this humidifier or are in need of a spare part, please contact Crane Customer Care.

Crane USA, Inc.
621 IL Route 83, Suite 202
Bensenville, Illinois 60106

Toll Free: 1-888-599-0992 (Monday - Friday 9:00am - 4:00pm CST)
Email: customer-service@crane-usa.com

Website: http://www.crane-usa.com

NOTE: Spare Parts can also be purchased online at http://www.crane-usa.com.

ENVIRONMENTAL PROTECTION

If the humidifier should no longer operate, please be sure to dispose of the unit in an environmentally friendly way by taking it into a public collection point. Please do not place broken humidifiers with your regular household waste.

LIMITED WARRANTY

Thank you for purchasing a **Crane** product. This Warm Mist Humidifier was tested and meets our stringent quality standards. This product is warrantied to be free from manufacturing defects under normal use and conditions for 1 year.

PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE. CALL US FOR PROBLEMS AND QUESTIONS. WE CAN HELP.

If you experience unsatisfactory operation, first refer to the troubleshooting section in the manual to ensure that it is not due to care or cleaning. Follow Care and Cleaning Instructions from manual. You can also visit www.crane-usa.com Customer Care for information.

If you have any questions or comments, please call Crane Customer Care, Toll Free: 888-599-0992 or Email customer-service@crane-usa.com. Please specify the style and model number so our Customer Care Department can assist you.

WARRANTY REQUIRES A DATED PROOF OF PURCHASE.

This warranty is void if the defect is due to accidental damage, misuse, abuse, neglect, improper repair or alteration by unauthorized persons, or a failure to follow operating instructions provided with the product. This warranty does not apply to normal wear and tear or commercial use.

The warranty is non-transferable and applies only to the original purchaser and does not extend to subsequent owners of the product. Liability under this warranty is limited to repair or replacement. In no event shall liability exceed the purchase price paid by the purchaser of the product. Under no circumstances shall there be liability for any loss - direct, indirect or incidental – or consequential damage arising out of, or in connection with the use of this product.

This warranty is valid only in the 48 contiguous states plus the District of Columbia and excludes Puerto Rico and the Virgin Islands. This warranty is effective only if the product is purchased and operated in the United States of America.

This warranty gives you specific legal rights; however you may have other rights that vary from state to state. Some states do not allow limitation on implied warranties or exclusion of consequential damages; therefore these restrictions may not apply to you.

Any instructions or warranty included in this manual may be subject to change without notice. For the most up-to-date instructions and warranty information, please contact us or visit our website.

To receive warranty instructions and return authorization, please call or email Crane Customer Care.

Crane USA, Inc.
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CRANE WARRANTY